

CLAIMS

1. A laminate of an air permeation preventive layer/an adhesive layer provided with (I) an air permeation preventive layer comprising a thermoplastic elastomer composition containing a thermoplastic resin, as a continuous phase, and a rubber composition dispersed therein, as a dispersed phase, and arranged on one surface of the air permeation preventive layer, (II) an adhesive composition layer having a thickness of 100  $\mu$ m or less formed from an adhesive composition having and a self-tack of less than 5N and a tack to an unvulcanized diene-based rubber of 5N or more containing (i) a total of 100 parts by weight of a thermoplastic elastomer containing 50 parts by weight or more of an epoxy-modified styrene-butadiene-based block copolymer so that an oxirane oxygen content becomes 1 to 3% by weight, (ii) a total of 30 to 200 parts by weight of a terpene resin (A) and an aromatically modified terpene resin (B) in a ratio of (A):(B)= 100:0 to 50:50 (weight ratio) having a weight average molecular weight Mw of 1000 or less and a softening point of 60 to 120°C, (iii) 0.1 to 3 parts by weight of an internal mold release agent and (iv) 0.1 to 2 parts by weight of an organic peroxide having a one-minute half-life temperature of 160°C or more.

2. A laminate of an air permeation preventive layer/an adhesive layer as claimed in claim 1, comprising the air permeation preventive layer of the thermoplastic elastomer composition comprising a thermoplastic resin as a continuous phase and a rubber composition as a dispersed phase at the inside and the adhesive composition at the outside, which are integrally formed in a cylindrical shape.

3. A laminate as claimed in claim 1 or 2, wherein said thermoplastic resin is a polyamide.

4. A laminate as claimed in any one of claims 1 to 3, wherein the rubber composition is a rubber composed of

a partially halogenated copolymer of isobutylene and paramethylstyrene.

5. A laminate as claimed in any one of claims 1 to 4, wherein the terpene resin is a dipentene resin.

5        6. A laminate as claimed in claim 5, wherein the aromatically modified terpene resin is the terpene resin according to claim 5 copolymerized with an aromatic vinyl monomer.

10       7. A laminate as claimed in any one of claims 1 to 6, wherein the organic peroxide is dicumyl peroxide, 2,5-dimethyl-2,5-di(t-butylperoxy)hexane or 2,5-dimethyl-2,5-di(t-butylperoxy)hexine-3.

8. A pneumatic tire using a laminate according to any one of claims 1 to 7.